



**OAQ Process Information Application**  
**PI-01: MISCELLANEOUS PROCESS**  
State Form 52534 (2-06)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch  
100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or  
Toll Free: 1-800-451-6027 x30178 (within Indiana)  
Facsimile Number: (317) 232-6749  
[www.IN.gov/idem/air/permits/index.html](http://www.IN.gov/idem/air/permits/index.html)

**NOTES:**

- The purpose of this form is to obtain detailed information about the process. Complete one form for each process unit (or group of identical process units). This is required form.
- Detailed **instructions** for this form are available online at [www.in.gov/idem/air/permits/apps/instructions/pi01instructions.html](http://www.in.gov/idem/air/permits/apps/instructions/pi01instructions.html).
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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

**1. Unit ID:** Unit 803 (Cooling Tower 2)

**2. Installation Date:** Unknown  
(actual or anticipated)

**3. How many (identical) process units are identified in this form?** ☒ One ☐ More than one (specify number) : \_\_\_\_\_

**4. Process Description:**  
Existing Cooling Tower: A drift eliminator will be applied to this unit.

**5. Maximum Production Rate (specify units):** 50000.00 GPM

**Fuel Used:** ☒ Not Applicable ☐ Natural Gas Only ☐ Other – Attach completed PI-02F form.

**7. Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

- ☐ None
- ☐ Baghouse / Fabric Filter – Attach CE-02. ☐ Cyclone – Attach CE-03.
- ☐ Electrostatic Precipitator – Attach CE-04. ☐ Absorption / Wet Collector / Scrubber – Attach CE-05.
- ☐ Oxidizer / Incinerator – Attach CE-06. ☐ Adsorber – Attach CE-07.
- ☐ Condenser – Attach CE-08. ☐ Reduction – Attach CE-09.
- ☒ Other (specify): Drift Eliminator – Attach CE-10.

**8. Control Techniques:** Identify all control techniques used for this process.

N/A

**9. Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
Cooling Tower 2 (Unit 803)	Please refer to Appendix C			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
Fresh/Process Water	50000.00 GPM

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

16. Is a **New Source Performance Standard (NSPS)** applicable to this source? ☐ Yes ☒ No  
*Attach a completed FED-01 for each rule that applies.*  
 40 CFR Part 60, Subpart \_\_\_\_\_
17. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? ☐ Yes ☒ No  
*Attach a completed FED-01 for each rule that applies.*  
 40 CFR Part 61, Subpart \_\_\_\_\_  
 40 CFR Part 63, Subpart \_\_\_\_\_
18. **Non-Applicability Determination:** *Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.*



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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

**1. Unit ID:** Unit 803 (Cooling Tower 3)

**2. Installation Date:**  
(actual or anticipated)

**3. How many (identical) process units are identified in this form?** ☒ One ☐ More than one (specify number) : \_\_\_\_\_

**4. Process Description:**  
Existing Cooling Tower; A drift eliminator will be applied to this unit.

**5. Maximum Production Rate (specify units):** 90,000 GPM

**Fuel Used:** ☒ Not Applicable ☐ Natural Gas Only ☐ Other – Attach completed PI-02F form.

**7. Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

- |                                                                       |                                                                                |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> None                                         | <input type="checkbox"/> Cyclone – Attach CE-03.                               |
| <input type="checkbox"/> Baghouse / Fabric Filter – Attach CE-02.     | <input type="checkbox"/> Absorption / Wet Collector / Scrubber – Attach CE-05. |
| <input type="checkbox"/> Electrostatic Precipitator – Attach CE-04.   | <input type="checkbox"/> Adsorber – Attach CE-07.                              |
| <input type="checkbox"/> Oxidizer / Incinerator – Attach CE-06.       | <input type="checkbox"/> Reduction – Attach CE-09.                             |
| <input type="checkbox"/> Condenser – Attach CE-08.                    |                                                                                |
| <input checked="" type="checkbox"/> Other (specify): Drift Eliminator | – Attach CE-10.                                                                |

**8. Control Techniques:** Identify all control techniques used for this process.

N/A

**9. Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
Cooling Tower 3 (Unit 803)	Please refer to Appendix C			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
Fresh/Process Water	90000.00 GPM

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

16. Is a **New Source Performance Standard (NSPS)** applicable to this source? ☐ Yes ☒ No  
Attach a completed FED-01 for each rule that applies.  
40 CFR Part 60, Subpart \_\_\_\_\_
17. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? ☐ Yes ☒ No  
Attach a completed FED-01 for each rule that applies.  
40 CFR Part 61, Subpart \_\_\_\_\_  
40 CFR Part 63, Subpart \_\_\_\_\_
18. **Non-Applicability Determination:** Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.



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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

**1. Unit ID:** Unit 803 (Cooling Tower 4)

**2. Installation Date:**  
(actual or anticipated)

**3. How many (identical) process units are identified in this form?** ☒ One ☐ More than one (specify number) : \_\_\_\_\_

**4. Process Description:**  
Existing Cooling Tower: A drift eliminator will be applied to this unit.

**5. Maximum Production Rate (specify units):** 44,000 GPM

**Fuel Used:** ☒ Not Applicable ☐ Natural Gas Only ☐ Other – Attach completed PI-02F form.

**7. Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

- |                                                                       |                                                                                |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> None                                         | <input type="checkbox"/> Cyclone – Attach CE-03.                               |
| <input type="checkbox"/> Baghouse / Fabric Filter – Attach CE-02.     | <input type="checkbox"/> Absorption / Wet Collector / Scrubber – Attach CE-05. |
| <input type="checkbox"/> Electrostatic Precipitator – Attach CE-04.   | <input type="checkbox"/> Adsorber – Attach CE-07.                              |
| <input type="checkbox"/> Oxidizer / Incinerator – Attach CE-06.       | <input type="checkbox"/> Reduction – Attach CE-09.                             |
| <input type="checkbox"/> Condenser – Attach CE-08.                    |                                                                                |
| <input checked="" type="checkbox"/> Other (specify): Drift Eliminator | – Attach CE-10.                                                                |

**8. Control Techniques:** Identify all control techniques used for this process.

N/A

**9. Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
Cooling Tower 4 (Unit 803)	Please refer to Appendix C			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
Fresh/Process Water	44000.00 GPM

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

16. Is a New Source Performance Standard (NSPS) applicable to this source? ☐ Yes ☒ No  
Attach a completed FED-01 for each rule that applies.  
40 CFR Part 60, Subpart \_\_\_\_\_
17. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source? ☐ Yes ☒ No  
Attach a completed FED-01 for each rule that applies.  
40 CFR Part 61, Subpart \_\_\_\_\_  
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18. Non-Applicability Determination: Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.



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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. **Unit ID:** Unit 803 (Cooling Tower 7)

2. **Installation Date:** TBD  
(actual or anticipated)

3. **How many (identical) process units are identified in this form?** ☒ One ☐ More than one (specify number) : \_\_\_\_\_

4. **Process Description:**  
New Cooling Tower

5. **Maximum Production Rate (specify units):** 21000.00 GPM

**Fuel Used:** ☒ Not Applicable ☐ Natural Gas Only ☐ Other – Attach completed PI-02F form.

7. **Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

- ☐ None
- ☐ Baghouse / Fabric Filter – Attach CE-02. ☐ Cyclone – Attach CE-03.
- ☐ Electrostatic Precipitator – Attach CE-04. ☐ Absorption / Wet Collector / Scrubber – Attach CE-05.
- ☐ Oxidizer / Incinerator – Attach CE-06. ☐ Adsorber – Attach CE-07.
- ☐ Condenser – Attach CE-08. ☐ Reduction – Attach CE-09.
- ☒ Other (specify): Drift Eliminator – Attach CE-10.

8. **Control Techniques:** Identify all control techniques used for this process.

N/A

9. **Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
Cooling Tower 7 (Unit 803)	Please refer to Appendix C.			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
Fresh/Process Water	21000.00 GPM

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

16. Is a New Source Performance Standard (NSPS) applicable to this source? ☐ Yes ☒ No  
Attach a completed FED-01 for each rule that applies.  
40 CFR Part 60, Subpart \_\_\_\_\_
17. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source? ☐ Yes ☒ No  
Attach a completed FED-01 for each rule that applies.  
40 CFR Part 61, Subpart \_\_\_\_\_  
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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. **Unit ID:** Unit 803 (Cooling Tower 8)

2. **Installation Date:** TBD  
(actual or anticipated)

3. **How many (identical) process units are identified in this form?** ☒ One ☐ More than one (specify number) : \_\_\_\_\_

4. **Process Description:**

New Cooling Tower

5. **Maximum Production Rate (specify units):** 90000.00 GPM

**Fuel Used:** ☒ Not Applicable ☐ Natural Gas Only ☐ Other – Attach completed PI-02F form.

7. **Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

☐ None

☐ Baghouse / Fabric Filter – Attach CE-02.

☐ Cyclone – Attach CE-03.

☐ Electrostatic Precipitator – Attach CE-04.

☐ Absorption / Wet Collector / Scrubber – Attach CE-05.

☐ Oxidizer / Incinerator – Attach CE-06.

☐ Adsorber – Attach CE-07.

☐ Condenser – Attach CE-08.

☐ Reduction – Attach CE-09.

☒ Other (specify): Drift Eliminator

– Attach CE-10.

8. **Control Techniques:** Identify all control techniques used for this process.

N/A

9. **Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
Cooling Tower 8 ( Unit 803)	Please refer to Appendix C.			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
Fresh/Process Water	90000.00 GPM

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

16. Is a **New Source Performance Standard (NSPS)** applicable to this source? ☐ Yes ☒ No  
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 40 CFR Part 60, Subpart \_\_\_\_\_
17. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? ☐ Yes ☒ No  
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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. **Unit ID:** Unit 801 (HU Cooling Tower)

2. **Installation Date:** TBD  
(actual or anticipated)

3. **How many (identical) process units are identified in this form?** ☒ One ☐ More than one (specify number) : \_\_\_\_\_

4. **Process Description:**

New Cooling Tower

5. **Maximum Production Rate (specify units):** 14000.00 GPM

**Fuel Used:** ☒ Not Applicable ☐ Natural Gas Only ☐ Other – Attach completed PI-02F form.

7. **Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

☐ None

☐ Baghouse / Fabric Filter – Attach CE-02.

☐ Electrostatic Precipitator – Attach CE-04.

☐ Oxidizer / Incinerator – Attach CE-06.

☐ Condenser – Attach CE-08.

☒ Other (specify): Drift Eliminator

☐ Cyclone – Attach CE-03.

☐ Absorption / Wet Collector / Scrubber – Attach CE-05.

☐ Adsorber – Attach CE-07.

☐ Reduction – Attach CE-09.

– Attach CE-10.

8. **Control Techniques:** Identify all control techniques used for this process.

N/A

9. **Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
HU Cooling Tower ( Unit 801)	Please refer to Appendix C.			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
Fresh/Process Water	14000.00 GPM

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

16. Is a **New Source Performance Standard (NSPS)** applicable to this source? ☐ Yes ☒ No  
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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. **Unit ID:** Unit 240 (FCU 600)

2. **Installation Date:** 1946  
(actual or anticipated)

3. **How many (identical) process units are identified in this form?** ☒ One ☐ More than one (specify number) : \_\_\_\_\_

4. **Process Description:**  
Fluid Catalytic Cracking Unit 600

5. **Maximum Production Rate (specify units):** 66,000 kbd

**Fuel Used:** ☐ Not Applicable ☒ Natural Gas Only ☒ Other – Attach completed PI-02F form.

7. **Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

- |                                                                                 |                                                                                |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> None                                                   | <input type="checkbox"/> Cyclone – Attach CE-03.                               |
| <input type="checkbox"/> Baghouse / Fabric Filter – Attach CE-02.               | <input type="checkbox"/> Absorption / Wet Collector / Scrubber – Attach CE-05. |
| <input checked="" type="checkbox"/> Electrostatic Precipitator – Attach CE-04*. | <input type="checkbox"/> Adsorber – Attach CE-07.                              |
| <input type="checkbox"/> Oxidizer / Incinerator – Attach CE-06.                 | <input type="checkbox"/> Reduction – Attach CE-09.                             |
| <input type="checkbox"/> Condenser – Attach CE-08.                              |                                                                                |
| <input type="checkbox"/> Other (specify): _____                                 | – Attach CE-10.                                                                |

8. **Control Techniques:** Identify all control techniques used for this process.

N/A

9. **Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

\* Note no modifications to the existing electrostatic precipitator are being made as part of the project. Therefore, Form CE-04 has not been included as part of this application.

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
FCU 600	Please refer to Appendix C.			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
Gas Oil	66,000.00 kbd

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

<b>16. Is a New Source Performance Standard (NSPS) applicable to this source?</b> Attach a completed FED-01 for each rule that applies.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
40 CFR Part 60, Subpart VV, GGG, QQQ		
<b>17. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source?</b> Attach a completed FED-01 for each rule that applies.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
40 CFR Part 61, Subpart FF 40 CFR Part 63, Subpart CC, UUU		
<b>18. Non-Applicability Determination:</b> Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.		



**OAQ Process Information Application**  
**PI-01: MISCELLANEOUS PROCESS**  
State Form 52534 (2-06)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch  
100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or  
Toll Free: 1-800-451-6027 x30178 (within Indiana)  
Facsimile Number: (317) 232-6749  
[www.IN.gov/idem/air/permits/index.html](http://www.IN.gov/idem/air/permits/index.html)

**NOTES:**

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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. **Unit ID:** Marine Dock Loading

2. **Installation Date:**  
(actual or anticipated)

3. **How many (identical) process units are identified in this form?**

☒ One

☐ More than one (specify number) : \_\_\_\_\_

4. **Process Description:**

Existing Marine Loading Dock: Vapor control equipment will be applied to gasoline loading activities.

5. **Maximum Production Rate (specify units):** 4,000,000 bbl/yr gasoline loaded

**Fuel Used:** ☒ Not Applicable ☐ Natural Gas Only ☐ Other – Attach completed PI-02F form.

7. **Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

☐ None

☐ Baghouse / Fabric Filter – Attach CE-02.

☐ Electrostatic Precipitator – Attach CE-04.

☐ Oxidizer / Incinerator – Attach CE-06.

☐ Condenser – Attach CE-08.

☒ Other (specify): Vapor control/recovery unit

☐ Cyclone – Attach CE-03.

☐ Absorption / Wet Collector / Scrubber – Attach CE-05.

☐ Adsorber – Attach CE-07.

☐ Reduction – Attach CE-09.

– Attach CE-10.

8. **Control Techniques:** Identify all control techniques used for this process.

N/A

9. **Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
Marine Dock Loading	Please refer to Appendix C.			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
Gasoline Products	4,000,000 bbl/yr loaded

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

16. Is a **New Source Performance Standard (NSPS)** applicable to this source? ☐ Yes ☒ No  
*Attach a completed FED-01 for each rule that applies.*  
 40 CFR Part 60, Subpart \_\_\_\_\_
17. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? ☒ Yes ☐ No  
*Attach a completed FED-01 for each rule that applies.*  
 40 CFR Part 61, Subpart EE  
 40 CFR Part 63, Subpart CC
18. **Non-Applicability Determination:** *Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.*



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**PART A: Process Information**

Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. **Unit ID:** Unit 162 (Sulfur Recovery Complex)

2. **Installation Date:**  
(actual or anticipated)

3. **How many (identical) process units are identified in this form?** ☒ One ☐ More than one (specify number) :

4. **Process Description:**

Sulfur Recovery Unit - Tail Gas Units: The Sulfur Recovery Unit will consist of five trains (3 existing Claus Trains [A, B, and C] and 2 new Claus Trains [D, E]). These sulfur recovery trains are vented directly to the Claus Offgas Treater (COT) Units. The COTs each have a thermal oxidizer.

5. **Maximum Production Rate (specify units):** 1,300 LTPD

**Fuel Used:** ☐ Not Applicable ☒ Natural Gas Only ☐ Other – Attach completed PI-02F form.

7. **Add-On Control Technology:** Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

☒ None

☐ Baghouse / Fabric Filter – Attach CE-02.

☐ Cyclone – Attach CE-03.

☐ Electrostatic Precipitator – Attach CE-04.

☐ Absorption / Wet Collector / Scrubber – Attach CE-05.

☐ Oxidizer / Incinerator – Attach CE-06.

☐ Adsorber – Attach CE-07.

☐ Condenser – Attach CE-08.

☐ Reduction – Attach CE-09.

☐ Other (specify):

– Attach CE-10.

8. **Control Techniques:** Identify all control techniques used for this process.

Control is inherent in the design of the tail gas units.

9. **Process Limitations / Additional Information:** Identify any acceptable process limitations. Attach additional information if necessary.

N/A

### PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
Sulfur Recovery Complex	Please refer to Appendix C.			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

### PART C: Processed Materials

Part C identifies the materials processed and the raw material usage.

14. Materials Processed	15. Raw Materials Usage Rate (lb/hr)
SRU Offgas	1300 LTPD

### PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

<b>16. Is a New Source Performance Standard (NSPS) applicable to this source?</b> <i>Attach a completed FED-01 for each rule that applies.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
40 CFR Part 60, Subpart J, VV, GGG, QQQ		
<b>17. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source?</b> <i>Attach a completed FED-01 for each rule that applies.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
40 CFR Part 61, Subpart _____ 40 CFR Part 63, Subpart UUU		
<b>18. Non-Applicability Determination:</b> <i>Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.</i>		